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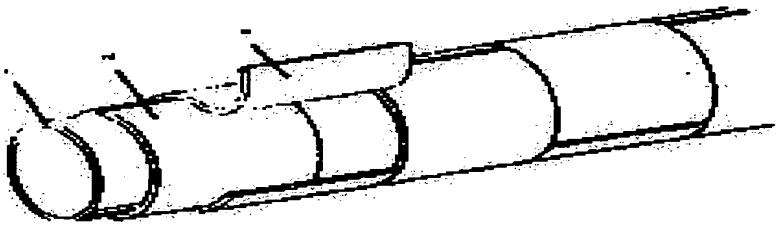
ACCESSION NUMBER: 1991-172376 [24] WPIDS
DOC. NO. NON-CPI: N1991-132053
DOC. NO. CPI: C1991-074484
TITLE: Cylindrical hollow body - with heat insulating jacket of microporous material with reduced pressure inside jacket.
DERWENT CLASS: A94 L02 Q67
INVENTOR(S): KRATEL, G; REISACHER, J; STOHR, G
PATENT ASSIGNEE(S): (WACK) WACKER CHEM GMBH
COUNTRY COUNT: 2
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC	
DE 3940149	A	19910606	(199124)*				<--
ZA 9009728	A	19910925	(199145)				

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
DE 3940149	A	DE 1989-3940149	19891205
ZA 9009728	A	ZA 1990-9728	19901204

PRIORITY APPLN. INFO: DE 1989-3940149 19891205
INT. PATENT CLASSIF.: C04B038-00; F16L059-06
GRAPHIC INFORMATION:



BASIC ABSTRACT:

DE 3940149 A UPAB: 19930928
A body is prepd. from a cylindrical hollow body, jacketted with a heat insulation based on a microporous heat insulation material, in which the pressure inside the jacket has been lowered to down to 10power(-6) bars.

The microporous heat insulation contains 20-100 (20-89) wt.% of finely divided metal oxide, 0-80 (10-70)% of inert filler, 0-50 (1-50)% of fibrous material, and 0-20 (0-10(% of hardener. The metal oxide is pyrogenic SiO2 and/or Al2O3, opt. treated with a hydrophobising agent. The degree of deformation of the material used for the jacket is 1-100%. The article has several, pref. 1-10, layers.

ADVANTAGE - The heat insulation is incombustible, is formed from non-toxic materials, releases no toxic materials on heating, esp. on burning, has low heat conductivity, is impermeable to vapours, and is easily fixed.

1/1

FILE SEGMENT: CPI GMPI
FIELD AVAILABILITY: AB; GI
MANUAL CODES: CPI: A12-R06; L02-D15D